

1. ALL LIGHTS SHALL BE 120 V. 2. WIRE NUT, 10-12. BLUE, WET LOCATION TYPE WITH SILICONE INSIDE 3. GROUND CONNECTOR

4. CONDUCTOR, 8'x5/8" SOLID, CU, BARE, SOFT DRAWN

5. IN-LINE FUSE HOLDER, URD, INSULATED ENDS 6. FUSE, 10A, 600 V, KTK, FNM, OR EQUIVALENT

JUNCTION BOX, UNDERGROUND, STREET LIGHT, SMALL PLASTIC, FOR NO OR LOW

"BOX SHOULD BE PLACED AT GRADE LEVEL, AS CLOSE TO BASE AS POSSIBLE 8. JUNCTION BOX, UNDERGROUND, POLYMER CONCRETE COVER OR CONCRETE BOX WITH STEEL COVER, TO BE USED IN HIGH TRAFFIC AREAS
"BOX SHOULD BE PLACED AT GRADE LEVEL, AS CLOSE TO BASE OR POLE AS POSSIBLE TRAFFIC AREA

NOT IN SIDEWALK OR CURB * CONCRETE BOX WITH STEEL COVER TO BE USED FOR ROADWAY OR VERY HIGH

CLAMP, GROUND ROD, 5/8" CU CLAD GROUND

10. ROD, GROUND 56" X 8". COPPER WELDBONDED CU 11. MOW STRIP, MADE OF CONCRETE, TUBE FORM, TYPICALLY 2"-4" WIDER THAN BASE OF POLE, FILLED WITH READY MIX CONCRETE AND LEVELED TO BASE OF POLE, 8" DEEP WITH #4 REBAR RING IN MIDDLE OF DEPTH.

* MOW STRIP AROUND LIGHT POLES IS TO PROTECT AGAINST DAMAGE FROM EDGE TRIMMERS, LEVEL TO TOP BACK OF CURB

CITY FOR THE POLES. 12. HELIX FOUNDATION LIGHT POLES SHALL NOT BE PERMITTED IN SOUTH JORDAN

13. ALL CONTRACTORS INSTALLING LIGHT POLES IN SOUTH JORDAN CITY SHALL BE RESPONSIBLE FOR COORDINATION WITH UTAH POWER AND SOUTH JURDAN CITY WITH RED LINE PLANS SO THEY WILL BE IN CORPORATION WITH BLUE STAKES FOR DENTIFICATION, PROOF OF COMPLETION WILL BE REQUIRED BEFORE POLES WILL BE

14. UNDERGROUND WIRING FOR STREET LIGHTING SHALL BE INSTALLED AS PER NEC BURIED AT A MINIMUM DEPTH OF 18" WHEN INSTALLED WITH DIRECT BURIAL CABLE. FROM POWER SOURCE, DIRECT BURY CABLE SHALL BE INSTALLED PERPENDICULAR 16. THE WIRING FOR THE FOLES SHALL BE INSTALLED WITH A BREAKAWAY FUSE AT THE BASE OF THE FOLE TO PROTECT FROM POSSBIE ELECTROCUTION IF POLE WERE TO FALL FOR ANY REASON. ON RUNS GREATER THAN 15 IN LENGTH, A JUNCTION BOX 15. TYPE OF UNDERGROUND CABLE FOR STREET LIGHTING SHALL ALSO BE NEC APPROVED COPPER #6 OR #8 LISTED FOR DIRECT BURIAL USE PLACEMENT OF WIRE A MAXIMUM DISTANCE OF 8" FROM TBC TO CURB AND THEN RUNNING PARALLEL WITH CURB TO STREETLIGHT, WITH

17. ALL WIRING RUNNING FROM POWER SOURCE TO LIGHT NEEDS TO BE PLACED WITHIN A RECORDED EASEMENT SO THE CITY CAN MAINTAIN THEM.

1. THREE WIRE COPPER CONDUCTOR (8-3)C TYPE TO 600 V VNTC SUN RES DIR BUR METHOD 4 CABLE OR EQUIVALENT) SHALL BE USED ON SINGLE POLE INSTALLATIONS (1-BLACK 2-WHITE 3-GREEN).—COPPER CABLE ONLY.—2. WHEE CONNECTIONS IN HAND HOLE SHALL BE MADE BURNDY YORL 12 ELECTRICAL CONNECTIONS. IN HAND HOLE SHALL BE MADE BURNDY YORL 12 ELECTRICAL CONNECTIONS. IN HAND HOLE SHALL BE MADE BURNDY YORL 12 ELECTRICAL CONNECTIONS.

3. BURNDY KA25U 14-10 AWG AL/CU MECHANICAL LUGS OR EQUIVALENT SHALL BE USED TO CONNECT THE GROUND WIRE TO THE GROUND CLIP INSIDE THE HAND HOLE. 4. A GOULD SHAWMUT IN LINE FUSE HOLDER WITH JEDOT #GEB-11-11-B AND AMP OTM/15 GOULD FUSE OR EQUIVALENT SHALL BE INSTALLED INSIDE THE JUNCTION BOX OR TRANSFORMER CONNECTION TO THE HOT LEG OF THE POWER CABLE. SHALL BE CORRELATED BETWEEN CONTRACTOR AND UP&L. 5. STREET LIGHT POLE SHALL NOT BE INSTALLED IN A MANNER THAT WILL HINDER THE

6. INSTALLATIONS WITHIN CLOSE PROXIMITY TO TREES SHALL BE AVOIDED UNLESS APPROVED BY THE PROJECT MANAGER 17. ALL WIRE WHICH IS INSTALLED UNDER SIDEWALK, DRIVEWAYS, OR OTHER PERMANENT STRUCTURES ARE REQUIRED TO BE PLACED IN CONDUIT. 8. POLE IS TO BE SET PLUMB. THE POLE SHALL BE INSTALLED WITHIN 1/4 DEGREE OF

OPERATION OF FIRE HYDRANTS OR UNDERGROUND WATER SYSTEM ISOLATION

VERTICAL.

SHALL BE INSTALLED WITH A BREAKAWAY FUSE AS CLOSE AS POSSIBLE TO U.P.&L. Streetlight Detail Light Pedistal Detail Category 1, 2, 3 & 4



| | | | | • |
|---|-----|------|-------------------|---|
| ı | NO. | DATE | REVISION COMMENTS | - |
| | | | | Ξ |
| 1 | | | | _ |
| Į | | | | |
| ı | | | | |
| ı | _ | | | _ |
| ı | | | | _ |
| | | | | - |

Sheet No.

Project No.

PLAN VIEW

__CR__ Design by: __CR_